

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

E1
concl 4
9 optical system for focusing the image of the object to be
10 observed on the imaging device, and a light-source lamp
11 encases by the casing for lighting the object to be observed
12 through the viewing hole.

E2
1 7. (Amended) A magnifying observation apparatus that
2 includes an image pick-up apparatus for reproducing, onto a
3 monitor display, an image of an object located proximate the
4 image pick-up apparatus [to be observed] which has been
5 picked up by an image pick-up apparatus the [said] image
6 pick-up apparatus including a casing having a viewing hole
7 formed therein and further including [having incorporated
8 therein] at least an imaging device, a control circuit unit
9 for the imaging device, an optical system for focusing the
10 image of [the] an object located proximate the viewing hole
11 [to be observed] on the imaging device, and a light-source
12 lamp for lighting the object to be observed, wherein said
13 light-source lamp is formed as a lamp unit comprising a
14 plurality of lamps arranged in a predetermined state on a
15 board in such a manner that the entire lamp unit can be
16 mounted to and removed from said image pick-up apparatus.

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

Please add new claims 11-32 as follows:

3
1 -- 11. (Newly added) A magnifying observation apparatus
2 that includes an image pick-up apparatus for reproducing an
3 image of an object located proximate the image pick-up
4 apparatus onto a monitor display, said image pick-up
5 apparatus comprising a casing having a viewing hole, the
6 casing enclosing at least an imaging device, a control
7 circuit unit for processing a signal received from the
8 imaging device and emitting a video signal, an optical
9 system for focusing the image of an object located proximate
10 the viewing hole on the imaging device, and a light-source
11 for lighting the object to be observed.

1 12. (Newly added) A magnifying observation apparatus
2 according to Claim 11, wherein said light-source is a lamp
3 unit that comprises at least one lamp arranged on a board
4 such that the lamp unit can be mounted to and removed from
5 said image pick-up apparatus.

1 13. (Newly added) A magnifying observation apparatus
2 according to Claim 11, wherein a front end portion of said
3 image pick-up apparatus is bent sideways.

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

1 14. (Newly added) A magnifying observation apparatus
2 according to Claim 11, wherein an objective lens of said
3 optical system and said imaging device slide in interlock
4 with each other.

E3
CONF
1 15. (Newly added) A magnifying observation apparatus
2 according to Claim 11, wherein the image pick-up apparatus
3 is connected to the monitor by a wire that transmits
4 information from the imaging device to the monitor.

F
1 16. (Newly added) A magnifying observation apparatus
2 that includes an image pick-up apparatus for reproducing an
3 image of an object, ^{located proximate the image pick-up apparatus} onto a monitor display, said image pick-
4 up apparatus comprising a casing, the casing enclosing at
5 least an imaging device, a control circuit unit for the
6 imaging device, an optical system for focusing the image of
7 an object onto the imaging device, and a light-source lamp
8 means for lighting the object to be observed.

1 17. (Newly added) A magnifying observation apparatus
2 according to Claim 16, wherein said light-source lamp means

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848
Unit No.: 2507

3 is a lamp unit that comprises at least one lamp arranged on
4 a board such that the lamp unit can be mounted to and
5 removed from said image pick-up apparatus.

1 18. (Newly added) A magnifying observation apparatus
2 according to Claim 16, wherein a front end portion of said
3 image pick-up apparatus is bent sideways.

1 19. (Newly added) A magnifying observation apparatus
2 according to Claim 16, further comprising a viewing hole
3 formed in the casing and wherein said optical system focuses
4 the image of an object located proximate the viewing hole on
5 the imaging device.

1 20. (Newly added) A magnifying observation apparatus
2 according to Claim 16, wherein an objective lens of said
3 optical system and said imaging device slide in interlock
4 with each other to adjust magnification.

1 21. (Newly added) A magnifying observation apparatus
2 according to Claim 16, wherein an objective lens of said
3 optical system is movable to adjust magnification.

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

1 22. (Newly added) A magnifying observation apparatus
2 according to Claim 16, wherein the image pick-up apparatus
3 is connected to the monitor by a wire that transmits a video
4 signal from the imaging device to the monitor.

1 23. (Newly added) A magnifying observation apparatus
2 that includes an image pick-up apparatus for reproducing an
3 image of an object located proximate the image pick-up
4 apparatus onto a monitor display, said image pick-up
5 apparatus comprising a casing having a viewing hole, the
6 casing enclosing at least an imaging device, a control
7 circuit unit for the imaging device, an optical system for
8 focusing the image of an object located proximate the
9 viewing hole on the imaging device, the optical system
10 comprising an objective lens that is movable to adjust
11 magnification.

1 24. (Newly added) A magnifying observation apparatus
2 according to Claim 23, further comprising a light-source
3 lamp unit that includes at least one lamp arranged on a
4 board such that the lamp unit can be mounted to and removed
5 from said image pick-up apparatus.

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

1 25. (Newly added) A magnifying observation apparatus
2 according to Claim 23, wherein a front end portion of said
3 image pick-up apparatus is bent sideways.

1 26. (Newly added) A magnifying observation apparatus
2 according to Claim 23, wherein an objective lens of said
3 optical system and said imaging device slide in interlock
4 with each other to adjust magnification.

E3
cont'd
1 27. (Newly added) A magnifying observation apparatus
2 according to Claim 23, wherein the image pick-up apparatus
3 is connected to the monitor by a wire that transmits
4 information from the imaging device to the monitor.

1 28. (Newly added) A magnifying observation apparatus
2 that includes an image pick-up apparatus for reproducing an
3 image of an object located proximate the image pick-up
4 apparatus onto a monitor display, said image pick-up
5 apparatus comprising a casing having a viewing hole, an
6 imaging device that is movable in relation to the viewing
7 hole, the observation apparatus further comprising a control
8

TTA-PCT-2 CON

FWC of U.S. Serial No. 07/983,848

Unit No.: 2507

9 circuit unit for the imaging device, an optical system
10 located in the image pick-up apparatus for focusing the
11 image of an object located proximate the viewing hole, the
12 optical system comprising an objective lens that is movable
13 to adjust magnification.

E3
L
confd
1 29. (Newly added) A magnifying observation apparatus
2 according to Claim 28, further comprising a light-source
3 lamp unit that includes at least one lamp arranged in the
4 image pick-up apparatus casing on a board such that the lamp
5 unit can be mounted to and removed from said image pick-up
6 apparatus.

1 30. (Newly added) A magnifying observation apparatus
2 according to Claim 28, wherein a front end portion of said
3 image pick-up apparatus is bent sideways.

1 31. (Newly added) A magnifying observation apparatus
2 according to Claim 28, wherein an objective lens of said
3 optical system and said imaging device slide in interlock
4 with each other to adjust magnification.